Appendix

Industry activity area Organizations creating XML specifications

Industry activity area	Organizations creating XML specifications
Accounting	• American Institute of Certified Public Accountants (AICPA): Extensible Financial Reporting Markup Language (XFRML)[OASIS Cover page] • Open Applications Group, Inc (OAG)
Advertising	• adXML.org: • Newspaper Association of America (NAA): NAA Classified Advertising Standards Task Force[OASIS Cover page]
Architecture and Construction	• Architecture, Engineering, and Construction XML Working Group (aecXML Working Group) • ConSource.com: Construction Manufacturing and Distribution Extensible Markup Language (cmdXML)
Astronomy and Space	• Interface & Control Systems Inc.: Spacecraft Markup Language (SML) • NASA: Astronomical Instrument Markup Language (AIML)[OASIS Cover page], • NASA - The Astronomical Data Center: eXtensible Data Format (XDF)
Automotive	• Automotive Industry Action Group (AIAG) • Global Automedia: • MSR: Standards for information exchange in the engineering process (MEDOC) • The Society of Automotive Engineers (SAE): XML for the Automotive Industry - SAE J2008[OASIS Cover page] • Open Applications Group, Inc (OAG)
Banking	• Banking Industry Technology Secretariat (BITS): [OASIS Cover page] • Financial Services Technology Consortium (FSTC): Bank Internet Payment System (BIPS)[OASIS Cover page] • Open Applications Group, Inc (OAG)

Bibliographies

- MAchine Readable Cataloging (MARC): MARC[OASIS Cover page]

- Ministere de la culture et de la communication, France: BiblioML

Catalogs	- MartSoft: Open Catalog Format (OCF)[OASIS Cover page] - Requisite Technology, Inc.: Electronic Catalog XML (eCX) - Open Applications Group, Inc (OAG)

Communication

- Alliance for Telecommunications Industry Solutions (ATIS): Telecommunications Interchange Markup (TIM)[OASIS Cover page]

- Wireless Application Protocol Forum (WAP): Wireless Markup Language (WML)[OASIS Cover page]

Computer Graphics	- web3D Consortium: Extensible 3D (X3D) - World Wide Web Consortium (W3C): Scalable Vector Graphics (SVG)

Content Syndication

- Internet Alchemy: Open Content Syndication (OCS)

- The Information and Content Exchange Protocol (ICE)[OASIS Cover page]

CRM - Customer Relationship Management	- Cognito, Inc: Customer Identity Markup Language (CIML) - Open Applications Group, Inc (OAG)

Data Mining

- The Data Mining Group (DMG.org): Predictive Model Markup Language (PMML)

Directory Services	- The DSML Initiative: Directory Services Markup Language (DSML)[OASIS Cover page] - Novell: DirXML

Distributed Management

- Distributed Management Task Force, Inc. (DMTF): Common Information Model (CIM)[OASIS Cover page]

Economics	EcoKnowMICS Corp.: EcoKnowMICS ML

Education

- Educom IMS Project: IMS Meta-data Specification[OASIS Cover page]

- [OASIS Cover page]

Electronic Commerce	- CommerceNet: eCo Framework[OASIS Cover page]
	- Commerce One: Common Business Library (CBL)[OASIS Cover page]
	- CXML.org: Commerce XML (cXML)[OASIS Cover page]
	- Electronic Business XML Initiative (ebXML)
	- Environmental Research Institute of Michigan (ERIM) Center for E-Commerce
	- IBM: Business Rules Markup Language (BRML)[OASIS Cover page], Trading Partner Agreement Markup Language (tpaML)
	- Joint Electronic Commerce Program Office (JECPO): [OASIS Cover page]
	- Open Trading Protocol group (OTP): Open Trading Protocol (OTP)[OASIS Cover page]
	- Science Applications International Corporation (SAIC): Universal Commerce Language and Protocol (UCLP)
	- Visa International (VISA): Visa XML Invoice Specification
	- Open Applications Group, Inc (OAG)
	- BikeXML.org

EDI - Electronic Data Interchange

- Data Interchange Standards Association (DISA): [OASIS Cover page]

- EEMA EDI/EC Work Group[OASIS Cover page]

- European Committee for Standardization / Information Society Standardization System (CEN/ISSS): The European XML/EDI Pilot Project[OASIS Cover page]

- XML/EDI Group[OASIS Cover page]

Energy	- Petrotechnical Open Software Corporation (POSC): WellLogML

Enterprise Information Portals

- DataChannel: Portal Markup Language (PML)

Appendix

ERP - Enterprise Resource Planning	• <u>Open Applications Group (OAG)</u>: <u>Open Applications Group Interface Specification (OAGIS)</u>[OASIS Cover page] • <u>Open Applications Group, Inc (OAG)</u>

Financial and Capital Markets

- <u>Digital Receipt Alliance</u>: <u>Annotated Digital Receipt</u>

- <u>Financial Information eXchange protocol (FIX)</u>: <u>FIXML</u>[OASIS Cover page]

- <u>FinXML.org</u>: <u>FinXML</u>[OASIS Cover page]

- <u>FpML.org</u>: <u>Financial Products Markup Language (FpML)</u>[OASIS Cover page]

- <u>Infinity</u>:

- <u>Soliton Associates</u>:

- <u>S.W.I.F.T.</u>

Food	• <u>FormatData</u>: <u>Document Encoding and Structuring Specification for Electronic Recipe Transfer (DESSERT)</u>

Forms

- <u>JetForm Corporation</u>: <u>XML Forms Architecture (XFA)</u>[OASIS Cover page]

- <u>UWI.Com</u>: <u>Extensible Forms Description Language (XFDL)</u>[OASIS Cover page]

Geography	• <u>OpenGIS Consortium Inc</u>: <u>Geography Markup Language (GML)</u>

Healthcare

- <u>Environmental, Safety and Occupational Health</u>

- <u>Health Level Seven (HL7)</u>

- <u>Phase Forward</u>: <u>Clinical Trial Data Model</u> [OASIS Cover page]

Human Resources	• <u>DataMain</u>: <u>Human Resources Markup Language (hrml)</u> • <u>HR-XML Consortium</u>[OASIS Cover page]: <u>JobPosting</u>, <u>CandidateProfile</u>, <u>Resume</u> • <u>Open Applications Group (OAG)</u>: <u>Open Applications Group Interface Specification (OAGIS)</u>[OASIS Cover page] • <u>Tapestry.Net</u>: <u>JOB markup language (JOB)</u> • <u>Open Applications Group, Inc (OAG)</u>

Industrial Automation	• Machinery Information Management Open Systems Alliance (MIMOSA)
	• Nacimiento Software Corporation: Virtual Instruments Meta Language (VIML)

Insurance	• ACORD: Property and Casualty[OASIS Cover page], Life (XMLife)[OASIS Cover page]
	• Lexica: iLingo

Legal	• U. S. District Court, District of New Mexico: [OASIS Cover page]
	• LegalXML: Legal XML Working Group[OASIS Cover page]
	• Xerox Palo Alto Research Center: Digital Property Rights Language (DPRL)[OASIS Cover page]

Middleware	• IBM: Unified Customer Reporting Performance Data
	• Open Applications Group, Inc (OAG)

Music	• Bert Schiettecatte: FlowML[OASIS Cover page]
	• CifraNet: ChordML[OASIS Cover page]
	• The Connection Factory: MusicML[OASIS Cover page]
	• Nacimiento Software Corporation: Virtual Instruments Markup Language[OASIS Cover page]
	• Music Markup Language[OASIS Cover page]

News	• International Press Telecommunications Council (IPTC): News Industry Text Format (NITF)[OASIS Cover page], NewsML
	• XMLNews.org[OASIS Cover page]: XMLNews-Story, XMLNews-Meta

Publishing	• Open eBook Initiative: Open eBook Publication Structure
	• Openly Informatics, Inc.: eFirst XML for Scholarly Articles
	• Organization for the Advancement of Structured Information Standards (OASIS): Exchange subset of the CALS table model, DocBook[OASIS Cover page]
	• The Text Encoding Initiative (TEI): TEI[OASIS Cover page]
	• VHG.org: Virtual Hyperglossary (VHG)

Real Estate	• OpenMLS: Real Estate Listing Management System (OpenMLS)[OASIS Cover page] • Real Estate Transaction Standard working group (RETS): Real Estate Transaction Standard (RETS)[OASIS Cover page]

Retail

- First Retail:

- RedX

- BikeXML.org

Science	• Caltech CACR: Extensible Scientific Interchange Language (XSIL) • e-Numerate Solutions Inc.: Re-usable Data Markup Language (RDML) • MoDL Project Team: Molecular Dynamics Markup Language (MoDL)[OASIS Cover page] • The OpenMath Society: OpenMath[OASIS Cover page] • Proteometrics: [OASIS Cover page] • Rosetta Inpharmatics: Gene Expression Markup Language (GEML)[OASIS Cover page] • Peter Murray Rust: Chemical Markup Language[OASIS Cover page] • Visual Genomics: [OASIS Cover page] • World Wide Web Consortium (W3C): Mathematical Markup Language (MathML)[OASIS Cover page]

Software

- IBM: [OASIS Cover page]

- Flashline.com: Software Component Documentation DTD

- Flashline.com:

- INRIA: Koala Bean Markup Language (KBML)[OASIS Cover page]

- Marimba and Microsoft: Open Software Description Format (OSD)[OASIS Cover page]

- Object Management Group (OMG): [OASIS Cover page]

SCM – Supply Chain Management	• RosettaNet[OASIS Cover page] • Open Applications Group, Inc (OAG)

Translation and NLP	[OASIS Cover page] - Localisation Industry Standards Association (LISA): Translation Memory eXchange (TMX)
Travel	

User Interface

- Mozilla.org: Extensible User Interface Language (XUL)[OASIS Cover page]
- LANSA, Inc.: LANSA XML
- UIML.org: User Interface Markup Language (UIML)[OASIS Cover page]

Voice	- Motorola: VoxML - Sun Microsystems: Java Speech Markup Language (JSML) - VoiceXML Forum: voiceXML

Weather

- MetNet: Weather Observation Definition Format (ODF)

Web Applications	- Allaire: [OASIS Cover page] - Extensible Log Format project: Extensible Log Format (XLF)[OASIS Cover page] - Hiroshima University Information System Laboratory: Structured Graph Format (SGF) - Internet Engineering Task Force (IETF): World Wide Web Distributed Authoring and Versioning (WebDAV)[OASIS Cover page] - Microsoft: Channel Definition Format (CDF)[OASIS Cover page] - Python XML SIG: XML Bookmark Exchange Language (XBEL) - UserLand Software, Inc.: XML-RPC - WDDX.org: Web Distributed Data eXchange (WDDX)

Workflow

- Internet Engineering Task Force (IETF): Simple Workflow Access Protocol (SWAP)[OASIS Cover page]
- Workflow Management Coalition (WfMC): Wf-XML[OASIS Cover page]